

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(361/117/137/138/212/216/220/222/231).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 09:27
S2	941	(361/117).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 09:27
S3	0	transorb.361/117/137/138/212/216/220/222/231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:45
S4	0	361/117/137/138/212/216/220/222/231.cds.transorb.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:45
S5	0	transorb.361/117/137/138/212/216/220/222/231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:46
S6	0	electrical adj connection. 361/117/137/138/212/216/220/222/231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:46
S7	5	transorb\$3 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:49
S8	0	electrial connection transorb\$3 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:50
S9	2	electrial. connection 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 16:30
S10	0	electrial adj connection 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:50
S11	1	impedance near3 stepwise 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:51
S12	13	stepwise 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:51

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S13	4	impedance stepwise 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 10:20
S14	1	impedance adj decrease\$ near3 stepwise voltage 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:54
S15	977	(361/212).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 09:54
S16	433	electrical adj connection 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:59
S17	0	S16 and (diode\$ near resistor\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:56
S18	75	S16 and (impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:57
S19	14	S18 and (diode\$ and resistor\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 09:57
S20	0	air adj terminal\$ (lighting adj protection) 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 10:00
S21	7	air adj terminal\$ 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 10:00
S22	17	("0443048" "0716311" "0963496" "1157344" "2299184" "2397118" "3416027" "3528629" "3620839" "R025417").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 10:07
S23	3	("3965285").URPN.	USPAT	OR	OFF	2005/09/29 10:20
S24	7	variable adj impedance 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 11:25
S25	251	(361/137).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 11:26

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S26	2	("6,683,772").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 13:18
S27	177	arrester same vented	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 13:23
S28	0	S27 same insulated adj support	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 13:19
S29	21	S27 same support	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 13:19
S30	1	S29 same shell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 13:19
S31	2	("4,930,039").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 13:23
S32	448	impedance\$ adj3 decrease\$ adj3 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 17:05
S33	4087475	S32 same (electrial adj connection) circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 15:02
S34	0	S32 same (electrial adj connection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 15:02
S35	25	S32 same surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 15:04
S36	1	S35 same rod	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 15:04
S37	29	(impedance\$ adj1 decrease\$) adj3 (voltage adj3 increase\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 15:06

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S38	1	(impedance\$ adj1 decrease\$) adj3 (voltage adj3 increase\$) 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 15:09
S39	0	(impedance\$ adj1 decrease\$) adj3 difference\$ adj (voltage adj3 increase\$) 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 15:10
S40	5	lighting adj3 protection 361/117,137,138,212,216,220,222, 231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 15:39
S41	0	S40 and (impedance\$ adj1 decrease\$) adj3 difference\$ adj (voltage adj3 increase\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 15:10
S42	13	resistor\$ adj3 zener adj diode\$ 361/117,137,138,212,216,220, 222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 15:50
S43	1	resistor\$ adj3 zener adj diode\$ stepwise 361/117,137,138,212, 216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 15:50
S44	0	((two or "2" adj resistor\$) adj3 zener adj diode\$ stepwise 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 15:52
S45	13	stepwise 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 15:52
S46	2	S45 and diode\$ resistor\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 15:55
S47	127	resistance decreases as the voltage difference increases.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 15:57
S48	1	resistance adj decreases adj2 voltage adj difference adj increases.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 15:59
S49	70	variable adj impedance adj unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:13

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S50	59815	S49 same resistor\$ transorb\$ (zener adj diode\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:03
S51	59801	S49 with resistor\$ transorb\$ (zener adj diode\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:01
S52	59823	S49 and resistor\$ transorb\$ (zener adj diode\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:02
S53	21	S49 same (resistor\$ transorb\$ (zener adj diode\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:45
S54	24	S49 same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:21
S55	390359	((variable adj resistance) impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:24
S56	390359	variable adj resistance impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:24
S57	35550	variable adj resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:25
S58	4267	S57 same impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:25
S59	22	S57 same impedance adj decrease\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:27
S60	0	S59 same voltage adj difference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:26
S61	0	seris\$ adj resistor\$ adj zener adj diode\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:29

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S62	0	variable adj impedance resistor\$ transorb zener adj diode\$ 361/117,137,138,212,216,220,222,231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	OFF	2005/09/29 16:32
S63	0	variable adj impedance 361/117,137,138,212,216,220,222, 231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	OFF	2005/09/29 16:32
S64	14129	variable adj impedance 361/117,137,138,212,216,220,222, 231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:33
S65	0	variable adj impedance 361/117,137,138,212,216,220,222, 231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/09/29 16:33
S66	7	variable adj impedance 361/117,137,138,212,216,220,222, 231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 16:36
S67	5435	S64 same current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 16:40
S68	20	S67 same corona	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 16:36
S69	0	S67 same resistor\$ near3 zener adj diode4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 16:41
S70	291	S67 same zener adj diode\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 16:41
S71	234	S70 same resistor\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 16:42
S72	1	S71 same corona	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/29 16:42
S73	161	S32 same (resistor\$ transorb\$ (zener adj diode\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 17:06

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S74	0	S73 same corona	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:47
S75	2	("6,683,772").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 16:59
S76	17	variable adj impedance\$ adj3 decrease\$ adj3 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 17:05
S77	6	S76 same (resistor\$ transorb\$ (zener adj diode\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 17:11
S78	794	impedance adj unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 17:12
S79	3	S78 same zener adj diodes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 17:36
S80	2	("6226166").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 17:49
S81	2	("5995352").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 17:49
S82	3369	variable adj impedance unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 10:31
S83	67	S82 resistance adj (impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 10:35
S84	1	S83 shell and rod	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 10:33
S85	67	S82 resistance adj (impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 10:38

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S86	0	S85 ((resistor\$ adj3 resistor\$ adj3 parallel) with (zener\$ adj diode\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 10:42
S87	0	S85 ((resistor\$ adj3 resistor\$ adj3 parallel) with (diode\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 10:42
S88	1	S85 ((resistor\$ adj3 parallel) with (diode\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 10:42
S89	47	((resistor\$ adj3 resistor\$ adj3 parallel) with (zener\$ adj diode\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:07
S90	16	S89 and impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:04
S91	1	S89 and variable adj impedance (resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:04
S92	1	((resistor\$ adj3 resistor\$ adj3 series serial) with (zener\$ adj diode\$ adj3 parallel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:10
S93	2027998	(zener\$ adj diode\$ adj3 parallel adj resistor\$ adj resistor\$ adj series or serial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:12
S94	2336	S93 and variable adj impedance (resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:11
S95	248	((zener\$ adj diode\$) adj3 parallel adj resistor\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:20
S96	10	S95 and variable adj (impedance or(resistance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:15
S97	0	S96 and ((air adj terminal) or lighting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:14

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S98	0	S96 and (air adj terminal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:14
S99	0	S96 and (finals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:14
S10 0	0	S96 and (rod)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:15
S10 1	0	S96 and shell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:15
S10 2	0	((zener\$ adj diode\$) adj3 parallel adj resistor\$ adj resistor\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:16
S10 3	2	((zener\$ adj diode\$) adj3 parallel adj ("2")or two adj resistor\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2005/09/30 11:23
S10 4	87	variable adj impedance adj unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/09/30 11:23
S10 5	6	S104 and rod	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/09/30 11:26
S10 6	10255	voltage adj resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:27
S10 7	69204	S106 transorbs or zener adj diode\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:27
S10 8	69204	S106 (transorbs or (zener adj diode\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:28
S10 9	596	S106 and (transorbs or (zener adj diode\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:28

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S11 0	1	S109 and impedance adj unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 11:28
S11 1	0	94/17578	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/20 14:34
S11 2	0	094/17578	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/20 14:34
S11 3	0	(94/17578).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/20 14:34
S11 4	2	("9417578").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/20 14:34